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Introduction

Thank you for purchasing Transcend's T.sonic™ 850, an advanced MP3 Player that can play music and display videos and photos. The T.sonic 850 combines all the advantages of a great sounding portable MP3 player with the benefits of a USB flash drive, and includes many extra features such as a Recordable FM Radio, advanced digital voice recording karaoke-style lyrics display, A-B repeat functions and variable track playback speeds. Your T.sonic 850 can also be used to read E-books and supports High-speed USB 2.0 for faster uploading and downloading of files when connected to a computer. The A-B repeat and variable track playback speed features allows you to continuously replay specific sections of an audio file at slower or faster speeds – ideal for learning foreign languages and reviewing an important part of a song or recording. In addition, you can make personal memos and record meetings or class lectures using the advanced digital voice recorder with the built-in microphone.

Package Contents

The T.sonic 850 package includes the following items:

- T.sonic™ 850
- Earphones
- Software CD
- USB cable
Features

1.8-inch (176 x 220 pixel) full-color TFT display
Playback music and videos
View photos and e-book (.txt) files
MP3, WMA, WMA-DRM10 (subscription music) and WAV music files
Recordable FM Radio with 20 station presets
Karaoke-style synchronized lyrics display
High quality voice recorder with VAD (Voice Activity Detection)
A-B repeat allows continuous replay of a designated section of a track
Variable track playback speeds
Supports 13 languages including menus, song/album title, artist name and lyrics
USB flash drive capabilities for data transfer and storage
Included software can be used to lock your computer and password-protect your files
Sleep timer can be set to automatically power-off after 15, 30 or 60 minutes
7 Equalizer effects, including a customizable USER EQ setting
Power-saving automatic screen savers
Internal rechargeable Li-ion battery provides over 22 hours of continuous music playback*
Hi-Speed Mini USB 2.0 port for easy computer connectivity and fast file transfers
Real Time Clock (RTC) displays local and world time

* Max. playback time achieved with screen saver set to “Blank” and “Lyrics Sync” disabled.
System Requirements

Desktop or notebook computer with a working USB port.

One of the following operating systems:

- Windows® Me
- Windows® 2000
- Windows® XP
- Windows® Vista
- Mac™ OS 10.0, or later
- Linux™ Kernel 2.4, or later
Safety Precautions

These usage and safety guidelines are IMPORTANT! Please follow them carefully.

General Use

- Unpack the contents of the T.sonic package carefully.
- Ensure USB connectors are the same size and shape before connecting – never force them.
- Always use the Transcend-provided power adapters and cables. Using incompatible cables may permanently damage your T.sonic.
- Do not allow your T.sonic to get wet or come in contact with water or any other liquids.
- Do not use a damp/wet cloth to wipe or clean the exterior case.
- Do not use or store your T.sonic in any of the following environments:
  - Direct sunlight
  - Next to an air conditioner, electric heater or other heat sources
  - In a closed car that is in direct sunlight

Backing Up Data

- Transcend does NOT take any responsibility for data loss, or damage during operation. If you decide to store data on your T.sonic we strongly advise that you regularly backup the data to a computer, or other storage medium.
- To ensure Hi-Speed USB 2.0 data transfer rates when connecting to a computer, please ensure the computer has the necessary USB drivers installed. If you are unsure how to check this, please consult your computer or motherboard User’s Manual for USB driver information.

Caution: Risk of Deafness

- Repeated or regular use of headphones or earphones at volume levels above 80 decibels can give a false impression that the audio level is not high enough. Users may try to progressively increase the volume control therefore risking a dangerous noise level for their ears.
- To protect your health and your hearing, keep the volume of your MP3 player below 80 decibels and do not use for an extended period of time. Stop use if symptoms like headaches, nausea, or hearing disorders occur.
- Your MP3 player is limited to a volume level of 100 decibels.
- Both the MP3 player and its accompanying earphones are compliant with the French regulation concerning musical Walkmans (24th July 1998 Order).
- Before using other earphones, confirm that their technical specifications are compatible with the original set.

Reminders

- Make sure the switch is not enabled before turning on the player.
- Never use the “Quick Format” or “Full Format” functions in Windows® to format your T.sonic 850.
- Follow the procedures in the “Disconnecting from a Computer” section to properly remove your T.sonic 850 from a computer.
- Transcend occasionally releases firmware updates for certain products. We suggest you visit http://www.transcendusa.com and download the latest firmware version for your device.
**T sonic 850 Controls**

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1.8” Full-Color TFT Display</td>
</tr>
<tr>
<td>B</td>
<td>Microphone</td>
</tr>
<tr>
<td>C</td>
<td>Reset Switch</td>
</tr>
<tr>
<td>D</td>
<td>Record Button</td>
</tr>
<tr>
<td>E</td>
<td>Menu Button</td>
</tr>
<tr>
<td>F</td>
<td>Volume Up</td>
</tr>
<tr>
<td>G</td>
<td>Next / Fast Forward</td>
</tr>
<tr>
<td>H</td>
<td>Power / OK Button</td>
</tr>
<tr>
<td>I</td>
<td>Back / Rewind</td>
</tr>
<tr>
<td>J</td>
<td>Volume Down</td>
</tr>
<tr>
<td>K</td>
<td>Headphone Jack</td>
</tr>
<tr>
<td>L</td>
<td>Hi-Speed Mini USB 2.0 Port</td>
</tr>
<tr>
<td>M</td>
<td>Hold Switch</td>
</tr>
<tr>
<td>N</td>
<td>Lanyard Attachment Hole</td>
</tr>
</tbody>
</table>
## Music Playback Screen

![Music Playback Screen](image)

### Figure 1: Music Mode Interface

<table>
<thead>
<tr>
<th>ICON</th>
<th>INDICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Album/Artist</td>
</tr>
<tr>
<td>2</td>
<td>Lyrics</td>
</tr>
<tr>
<td>3</td>
<td>Sleep</td>
</tr>
<tr>
<td>4</td>
<td>EQ Mode</td>
</tr>
<tr>
<td>5</td>
<td>Repeat Modes</td>
</tr>
<tr>
<td>6</td>
<td>Play Speed</td>
</tr>
<tr>
<td>7</td>
<td>Track Time &amp; Progress bar</td>
</tr>
<tr>
<td>8</td>
<td>Lock</td>
</tr>
<tr>
<td>9</td>
<td>Battery</td>
</tr>
<tr>
<td>10</td>
<td>REC Settings</td>
</tr>
<tr>
<td>11</td>
<td>Time &amp; Date</td>
</tr>
<tr>
<td>12</td>
<td>Play Status</td>
</tr>
<tr>
<td>13</td>
<td>Track Info</td>
</tr>
<tr>
<td>14</td>
<td>Volume</td>
</tr>
</tbody>
</table>
Basic Operation

⚠️ The T.sonic 850 needs to be charged for at least 12 hours before first use.

### Charging the Battery

Plug the small end of the USB cable into the Mini USB port on the bottom of the T.sonic 850, and plug the large end of the cable into an available USB port on your desktop or notebook computer. The T.sonic 850’s internal Li-ion battery will automatically begin charging.

![Figure 2: Connecting to a Computer](image)

### Power ON

Press and hold the button to turn on the player. An animated logo will appear, followed by the player status information. After the startup sequence, the Main Menu will be displayed, indicating the T.sonic is ready for use.

- It takes a few seconds for the T.sonic to power up.
- If the Hold icon appears on the display while powering on the unit, this means that the T.sonic 850’s switch is enabled. You must switch off the Hold mode before you can power on the player.

### Power OFF

Press and hold the button to turn off the T.sonic 850.

- It takes a few seconds for the T.sonic to completely power down.
The power OFF animation will be displayed:

- Play a Song
  Press the button to play a selected music, video, photo, E-book, or recording file.

- Pause a Song
  Press to pause and un-pause a song, recording, or video during playback.

- Next Track
  Press to skip to the next available song.

- Previous Track
  Press to go back to the previous song.

- Fast Forward
  Press and hold the button to fast-forward.

- Fast Rewind
  Press and Hold the button to rewind.

- Increase Volume
  Press once or press and hold the button until you reach the desired volume level.

- Decrease Volume
  Press once or press and hold the button until you reach the desired volume level.

- Main Menu
  Press in any mode to enter the Main Menu. The Main Menu gives you access to the MUSIC, RADIO, RECORD, VIDEO, PHOTO, E-book modes and the SETTINGS menu.
File Navigator

The File Navigator is a fast and convenient way of moving between tracks, files and folders.

1. Press and hold the button in the MUSIC, RECORD, VIDEO, PHOTO, or E-book mode to open the File Navigator.

2. A list of available files for the current mode will be shown. (i.e. in E-Book mode only .TXT files will be shown)

3. Use the and buttons to move up and down the list of files.

4. Highlight the file you want to play and press .

5. To enter a folder or subfolder, highlight it and press either or .

6. To exit a folder, press or .

7. To close the File Navigator, press and hold the button.

Deleting Files

1. In the MUSIC, RECORD, VIDEO, PHOTO, or E-book mode, press and hold to enter the File Navigator.

2. Navigate to the file you want to delete with the and buttons.

3. With the file highlighted, press the button. A “Delete? Yes / No” message will appear.

4. Use the button to highlight “Yes” and press to permanently delete the file.
Voice Recording

1. Press and hold the button for 2 seconds in any mode (except Radio) to activate the T.sonic 850’s built-in microphone and begin voice recording.

2. Press to pause the recording, and press again to resume.

3. Press and hold for 2 seconds again to finish the recording.

4. Recordings can be found in the RECORD mode.

Repeat / Shuffle Functions

Please see the “REPEAT Mode” in the Settings section for detailed instructions.

A-B Repeat

1. During playback in the MUSIC or RECORD modes, press once to mark the beginning of the section you want to repeat.

2. Press again to mark the end of the section you want to repeat. The marked section of the song will playback in a continuous loop.

3. Press the button once more to stop the A-B repeat function.

Hold

When the switch enabled, all of the T.sonic 850’s buttons will be disabled, and cannot accidentally be pressed while in your pocket.

Reset

If the T.sonic is not functioning properly, you can reboot by pressing for 3 to 5 seconds.
MUSIC Mode

Before buying DRM (Digital Rights Management) protected music online, please be advised that the T.sonic 850 only supports WMA-DRM10 file protection.

Play MP3, WMA and WMA-DRM10 Music

1. Press and hold the power button to power ON the unit. The Main Menu will appear.
   - If the T.sonic is already on, press the button to enter the Main Menu.

2. Use the and buttons to select “Music” mode and press . The player will automatically find available music files.

3. Select the song you want to listen to with the and buttons, or use the File Navigator.

4. Press to begin listening to a music file.

- T.sonic™ 850 supports Mpeg I Layer 3 and WMA files compressed at between 32Kbps – 320Kbps.
- If T.sonic cannot find any MP3, WMA, or DRM10 files, a “No Files” message will be displayed.
RADIO Mode

Listen to the Radio

1. Plug in the earphones 🎧. (Earphones must be plugged-in to listen to the Radio)
2. Press the MENU button to enter the Main Menu.
3. Use the ↑ and ↓ buttons to select “Radio” and press 🎧.

4. The current FM Radio frequency will be displayed.

- The first time you use the Radio, all the FM channels will be automatically scanned and the first 20 channels with a strong signal will be preset. This feature also works if you activate the “FM Reset” function in the SETTINGS menu.

Selecting a Radio Station

To manually select a radio station, press ← or → (the FM frequency will increase or decrease in 0.1MHz increments) until you reach the desired station. Alternatively, you can press and hold either ← or → to auto-scan for the next available station.
**Adjusting the Volume**

Press once or press and hold ▲ or ▼ until you reach the desired volume level.

**Saving a Radio Station**

The T.sonic lets you save (preset) your 20 favorite radio stations (CH01 to CH20).

To save a station:

1. Use ◀ or ▶ to select the radio station (FM frequency) that you want to save.

2. Press the  button to bring up the saved channel list.

3. Use the ▲ and ▼ buttons to select your desired channel number, and press  again to save the current radio station to that channel.

**Recalling a Saved Station**

1. In the RADIO mode press ▶ to display your saved stations (CH01 to CH20).
2. Use the ▲ and ▼ buttons to select a channel number.
3. Press ▶ to listen to the selected channel.

**Recording the Radio**

1. Select a radio station that you want to record.
2. Press and hold the ⏹ button for 2 seconds to begin recording the station.
3. An automatically generated file name for your recording will appear at the top of the screen.

- **FM Recordings are named and numbered in this format:** "MonthDayF###.WAV"
  
  Ex: “0123F012.WAV” would be the twelfth FM recording made on January 23rd

4. Press ⏸ to pause the recording, and press ⏷ again to resume.
5. When finished, press and hold ⏹ again to save the recording and return to the RADIO mode.

  - **FM recordings are saved in the /FMIN.DIR/ folder**
  - **FM recordings can be accessed by using the File Navigator in RECORD mode**
  - **To adjust the recording sample rate, please see the “Record Settings” section of this manual.**
The T.sonic 850 can record from 2 different sources: FM Radio or the built-in microphone. The RECORD mode is for creating voice recordings and playing back both FM and voice recordings. To record from the FM Radio, please see the previous section on “Recording the Radio.”

Making Voice Recordings With the Built-In Microphone

1. Press and hold the button for 2 seconds in any mode (except Radio) to activate the T.sonic 850’s built-in microphone and begin voice recording.

2. An automatically generated file name for your recording will appear at the top of the screen.

- Voice recordings are named and numbered in this format: "MonthDayM###.WAV"
  
  Ex: 1216M003.WAV represents the third voice recording made on December 16th

3. Press to pause the recording, and press again to resume.

4. When finished, press and hold again to save the recording and return to the RADIO mode.

- Voice recordings are saved in the /MICIN.DIR/ folder
- Voice recordings can be accessed by using the File Navigator in RECORD mode
- To adjust the recording sample rate, please see the “Record Settings” section of this manual.
- For best results, try to position the T.sonic 850’s Microphone as close as possible to the source of the sound or voice you are recording.

Playing Voice or FM Recordings

1. Press to bring up the Main Menu.

2. Use the or buttons to select “Record” and press .
3. All voice and FM radio recordings can be found in the RECORD mode. Use the \(<\) or \(>\) buttons to find your desired recording and press \(\circ\) to listen to it.
VIDEO Mode

Video files must be converted to .MTV format before they can be played on the T.sonic.

Playing MTV Video Files

1. Press the button to enter the Main Menu.
2. Use the and buttons to select “Video” and press .
3. The File Navigator will open, and a list of available .MTV files will be shown.
4. Use the / and / buttons to navigate to the video you want to play and press .
5. Press to pause the video, and press again to resume.

- In order to maximize the screen’s resolution, video playback is displayed horizontally.
- The directional controls will be adjusted to function horizontally.
6. During video playback press to go to the next available video, and press to go back.
7. To fast forward, press hold . To rewind, press and hold .
8. To adjust the volume, press ▲ and ▼

- T.sonic™ 850 only supports “.mtv” video files. You must use the “Transcend MTV Video Converter” Software to convert “.MPEG4,” “.DivX,” “.AVI” and “.xVID” video files to the “.mtv” format.
PHOTO Mode

To display photos on your T.sonik 850 you must first transfer a .JPG or .BMP to the player.

Displaying JPG and BMP Photos

1. Press the button to enter the Main Menu.
2. Use the and buttons to select “Video” and press .
3. The File Navigator will open, and a list of available .JPG and .BMP files will be shown.
4. Use the / and / buttons to navigate to the photo you want to view and press .
5. While viewing a photo, press to go to the next available photo, and press to go back.
   - T.sonik™ 850 only supports “.jpg” and “.bmp” photo files.
E-book Mode

To read E-books on your T.sonic 850, you must first transfer .TXT files to the player

Reading E-books and Text files

1. Press the **button to enter the Main Menu.

2. Use the ** and ** buttons to select “E-book” and press **.

3. The File Navigator will open, and a list of available .TXT files will be shown.

4. Use the ** / ** and ** / ** buttons to navigate to the file or E-book you want to read and press **.

5. Press ** to go to the next page. Press ** to go back one page.
   - *T.sonic 850 only supports “.txt” format text files.*
Settings

The Settings Menu

1. Press the button to enter the Main Menu.
2. Use the and buttons to select “Settings” and press .
3. To exit the SETTINGS menu, press MENU or .

Equalizer (EQ) Mode

There are several EQUALIZER Modes to choose from: Normal, Pop, Rock, Classical, Jazz, Bass, User EQ.

1. In the SETTINGS menu, Use the and buttons to select “EQ” and press .
2. Use the and buttons to select an equalizer mode. If music is playing, you will instantly hear the difference between each mode through the earphones.
3. Press to confirm the new EQ setting and return to the SETTINGS menu.
User EQ Customization

The User EQ allows you to customize the 5-band equalizer to your personal preference.

1. In the SETTINGS menu, use the ▲ and ▼ buttons to select "EQ" and press .

2. Highlight "User EQ" and press .

3. Use the ◀ and ▶ buttons to switch between 5 bands: 80Hz, 250Hz, 1KHz, 4KHz, and 12KHz. The "ALL" setting move all 5 bands up or down together.

4. Press ▲ or ▼ to increase or decrease levels in 1.0dB steps (Adjustment range: +8dB to -7dB)

5. Press to save the new User EQ settings and return to the SETTINGS Menu.

Repeat Mode

There are seven Repeat modes to choose from:

- **Normal** (plays all music files available one time, in consecutive order)
- **Repeat One** (continuously repeats the current song)
- **Repeat All** (continuously repeats playback of all music files available, in consecutive order)
- **Shuffle** (continuously repeats playback of all music files available, in random order)
- **Normal in Folder** (plays all music files in a folder one time, in consecutive order)
- **Repeat in Folder** (continuously repeats playback of all music files in a folder, in consecutive order)
- **Shuffle in Folder** (plays all music files in a folder, in random order)
1. In the **SETTINGS** menu, Use the [ ] and [ ] buttons to select “Repeat” and press [ ].

2. Use the [ ] and [ ] buttons to select an equalizer mode and press [ ] to confirm.

### Play Speed

The speed at which an audio file is played can be increased or decreased. Playback speeds can be set to:

- **0.67X** (very slow),
- **0.80X** (slow),
- **1.00X** (normal),
- **1.14X** (fast),
- **1.33X** (very fast).

1. In the **SETTINGS** menu, Use the [ ] and [ ] buttons to select “Play Speed” and press [ ].

2. Use the [ ] and [ ] buttons to select one of the five playback speeds and press [ ] to confirm.

   Default is **1.0x** (normal speed)
**Record Quality**

The quality of an audio recording can be set to **Low** (8,000Hz), **Middle** (16,000Hz), or **High** (32,000Hz). Higher recording quality settings require more memory space to save the recorded WAV files.

1. In the **SETTINGS** menu, use the ↑ and ↓ buttons to select “Record Quality” and press □ to confirm.

2. Use the ↑ and ↓ buttons to select Low, Middle, or High quality and press □ to confirm.
## Maximum Record Time / Quality Table

<table>
<thead>
<tr>
<th>Voice Recording</th>
<th>Sample rate</th>
<th>Channels</th>
<th>4GB</th>
<th>8GB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low (8KHz)</td>
<td>1 (mono)</td>
<td>256 hrs</td>
<td>512 hrs</td>
<td></td>
</tr>
<tr>
<td>Med (16KHz)</td>
<td>1 (mono)</td>
<td>128 hrs</td>
<td>256 hrs</td>
<td></td>
</tr>
<tr>
<td>High (32KHz)</td>
<td>1 (mono)</td>
<td>64 hrs</td>
<td>128 hrs</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FM Recording</th>
<th>Sample rate</th>
<th>Channels</th>
<th>4GB</th>
<th>8GB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low (8KHz)</td>
<td>2 (stereo)</td>
<td>128 hrs</td>
<td>256 hrs</td>
<td></td>
</tr>
<tr>
<td>Med (16KHz)</td>
<td>2 (stereo)</td>
<td>64 hrs</td>
<td>128 hrs</td>
<td></td>
</tr>
<tr>
<td>High (32KHz)</td>
<td>2 (stereo)</td>
<td>32 hrs</td>
<td>64 hrs</td>
<td></td>
</tr>
</tbody>
</table>

Note: The above recording times may not be possible if space is limited or the battery power is low.

- FM Radio recordings are recorded in Stereo. MIC recordings are recorded in Mono.
- For best voice recording results, try to position the T.sonic 850’s microphone as close as possible to the source of the sound or voice you are recording.

### VAD (Voice Activity Detection)

VAD allows the T.sonic 850 to make gapless audio recordings. This means that while making a voice recording, the player will only record when it detects voices. If the person(s) pauses or stops speaking, the T.sonic 850 will temporarily stop recording until the person(s) starts speaking again. This allows for more concise, easier to understand recordings and smaller recording files.

1. In the **SETTINGS** menu, Use the ↑ and ↓ buttons to select “VAD” and press ☰.

![Settings Menu](image)

2. Use the ↑ and ↓ buttons to select Disable or Enable and press ☰ to confirm.
**Sleep Timer**

This function sets a time delay to automatically power OFF the T.sonic 850, regardless of playback status.

1. In the **SETTINGS** menu, use the ▲ and ▼ buttons to select “Sleep Timer” and press ○.

2. Use ▲ and ▼ to select a Sleep Timer delay and press ○. You can choose from “15 Min”, “30 Min”, “60 Min” or “Disable”. When the selected time is reached, the unit will automatically power OFF.

**Screen Saver**

This function lets you enable/disable the screen saver, choose which screen saver you want to be displayed, and set the time delay for the screen saver to activate. Available screen savers are:

- **Song Title** (Displays the title of the song currently being played)
- **Clock** (Displays the current real time)
1. In the **SETTINGS** menu, Use the ▲ and ▼ buttons to select “Screen Saver” and press ◼.

2. Use ▲ and ▼ to select a Screen Saver delay time and press ◼. The screen saver will commence whenever this amount of time passes with no button activity. The available delay times are: “**Disable**”, “10 Sec”, “20 Sec”, and “60 Sec.”

3. After you select a Screen Saver time delay, a list of available screen savers will appear.

4. Use ▲ and ▼ to select your desired screen saver and press ◼ to confirm.

**Slideshow Interval**

This function sets the time delay between photos that are displayed when the Slide Show screen saver is enabled. To create a slideshow, you must use the **Slide Show Maker** software application on your computer.
to create a photo slideshow “.SLS” file. Please see the “Slide Show Maker” section in Software Setup for more information.

1. In the SETTINGS menu, Use the ▲ and ▼ buttons to select “Slide Show Interval” and press ◎.

2. Use ▲ and ▼ to select the speed that you want your pictures to be displayed and press ◎. Available interval times are: “1 Sec”, “3 Sec”, “5 Sec”, “10 Sec”.

Lyrics Sync

This function displays synchronized lyrics (if available) on the screen during music playback.

Note: For Lyrics Sync to work, an “.LRC” file with the exact same file name as its corresponding .MP3 song must be transferred to the T.sonic.

Ex: for the MP3 file “GM-Last_Christmas.mp3”, the LRC lyrics file must be named “GM-Last_Christmas.lrc”

1. In the SETTINGS menu, Use the ▲ and ▼ buttons to select “Lyrics Sync” and press ◎.

2. Select “Enable” to use Lyrics Sync, or “Disable” to turn the function off. Press ◎ to confirm.
**Date/Time Settings**

This setting lets you adjust the local time and date and choose your time zone.

1. In the **SETTINGS** menu, Use the ↑ and ↓ buttons to select “Date/Time Settings” and press 🔄.

2. Use ← and → to move between 12hr/24hr, Year, Month, Day, Hour, Minute, Second, and AM/PM.

3. Adjust the values of each field with the ↑ and ↓ buttons.

4. Press 🔄 to confirm your new time settings and choose a time zone (see below).

**Time Zone**

For convenience when traveling, the T.sonic 850 can display the local time for different time zones.

1. In the **SETTINGS** menu, use the ↑ and ↓ buttons to select “Time Zone” and press 🔄 (the Time Zone setting screen will also be displayed every time you set the date and time).
2. Use ◀ and ▶ to select the appropriate time zone for your region and press ○ to confirm.

Daylight Saving Time

If your region uses Daylight Saving Time (DST), the T.sonic can automatically adjust the clock one hour forward in Summer and one hour backward during Winter.

1. In the SETTINGS menu, use the ▲ and ▼ buttons to select “Date/Time Settings” and press ○.

2. Select “Enable” to use DST, or “Disable” to turn the function off. Press ○ to confirm.
Language

Sets the T.sonic 850’s display language, which includes menus, song/album titles, artist names, and lyrics. The player supports 13 User languages.

1. In the SETTINGS menu, use the ▲ and ▼ buttons to select “Language” and press □.

2. Select your language with the ▲ and ▼ buttons and press □ to confirm.

FM Reset

This function resets all saved radio stations (CH01 – CH20). If you use this feature, the next time you enter the RADIO mode, the T.sonic will automatically scan and save the 20 strongest stations.

1. In the SETTINGS menu, use the ▲ and ▼ buttons to select “FM Reset” and press □.
2. Select “Yes” to reset your radio stations or “No” to keep them. Press 🔄 to confirm.

Media Transfer Protocol (MTP)

If you own WMA-DRM10 music files or if you want to use Windows Media Player 10 to synchronize music between your computer and the T.sonic, the Music Transfer Protocol (MTP) must be enabled. This function lets you switch between MTP or USB transfer modes.

**MTP**  
(Use this mode for transferring DRM10 music files with Windows Media Player 10)

**USB**  
(Use this mode for normal drag and drop transfer of all other files or if using a Mac™ or Linux™ computer)

1. In the SETTINGS menu, use the ⬆️ and ⬇️ buttons to select “MTP” and press 🔄.
2. Use the ▲ and ▼ buttons to select either “MTP” or “USB” and press □ to confirm.

   Note: In MTP transfer mode, all files will be stored in the “Music” folder.

### Player Info

Displays the T.sonic 850’s firmware version and available memory capacity.

1. In the SETTINGS menu, use the ▲ and ▼ buttons to select “Player Info” and press □.
Driver Installation

Driver Installation for Windows® Me, 2000, XP and Vista
No drivers are required. These Windows® Operating Systems have built-in drivers to support the T.sonic 850. Plug your T.sonic 850 into an available USB port and Windows® will install the necessary files. A “Removable Disk” drive with a newly assigned drive letter will appear in the My Computer window.

Driver Installation for Mac™ OS 10.0, or Later
No drivers are required. Plug your T.sonic 850 into an available USB port and your computer will automatically detect it.

![Figure 3: Mac Driver Installation](image)

Driver Installation for Linux™ Kernel 2.4, or Later
No drivers are required. Plug your T.sonic 850 into a USB port and mount it.
1. Create a directory for the T.sonic.
   Example: `mkdir /mnt/T.sonic`
   Example: `mount –a –t msdos /dev/sda1 /mnt/T.sonic`

NEVER use Windows to format your T.sonic 850.
Connecting to a Computer

Transferring Files to the T.sonic

If you want to use your T.sonic 850 to do more than listen to the radio, you must transfer MP3 / WMA / DRM10 music files, JPG / BMP pictures, MTV movies or TXT files to the T.sonic. You can also use the T.sonic as a portable flash drive to transfer your important documents and other files.

Note: If you are using a Windows computer and want to listen to WMA-DRM10 music, please find out which version of Windows Media Player is installed on your computer. For Windows Media Player 10, please see “Music Transfer Mode”

1. Plug the small end of the USB cable into the Mini USB port on the T.sonic and plug the large end of the cable into an available USB port on your desktop or notebook computer. The internal Li-ion battery will begin charging.

   - While the T.sonic is connected to a computer, its audio and video functions will not be available.

2. When connected to a computer the T.sonic 850’s screen will display a “READY” message, indicating that files can be loaded onto the player.
If you are using Windows®, a new **Removable Disk** drive with a newly assigned drive letter representing the T.sonic 850 will appear in the “My Computer” window.

![My Computer Window](image)

**Figure 5: The T.sonic 850 Removable Disk in the My Computer Window**
*Note: (F:) is an example drive letter – your “My Computer” window may differ

3. To transfer **photos**, **videos**, **e-book text files**, and standard-format **MP3** and **WMA** music to the T.sonic, the MTP (Media Transfer Protocol) mode in the Settings menu must be set to “USB.” In this mode, files can be transferred by simply dragging them onto the T.sonic 850’s Removable Disk drive letter. You can also create your own folders within the T.sonic and copy files directly to the folders.

4. To transfer **WMA-DRM10** music files to the T.sonic, please set the player’s MTP (Media Transfer Protocol) mode in the Settings menu to “MTP.” In MTP mode, please use Windows Media Player 10 to transfer and synchronize WMA-DRM10 music files with the T.sonic.

5. While files are being transferred to the T.sonic, the screen will display a “WRITE” message. After files have been successfully transferred, the “READY” message will be displayed again.

![Transfer Process](image)

6. If you choose to transfer files or folders to the computer, the T.sonic will display a “READ” message indicating that the files are being transferred to the computer. After files have been successfully transferred, the “READY” message will be displayed again.

![Computer Transfer Process](image)
7. Always disconnect the T.sonic from a computer by selecting and following the instructions for the “**Safely Remove Hardware**” icon that can be found on the Windows® Toolbar at the bottom of the computer screen.

![Figure 6: Safely Remove Hardware](image)

**NEVER unplug the T.sonic during file transfer.** Unplug the T.sonic only when Windows informs it is safe (see Disconnecting from a Computer) and the “READY” screen disappears.

Audio files (MP3/WMA/WMA-DRM10/WAV) must be stored **no more than 4 folder levels away** from the root directory. The T.sonic 850 is limited to **128 character** filename length.
Disconnecting from a Computer

Before disconnecting your T.sonic 850, always ensure the “READ” or “WRITE” screen is not displayed, as damage to your files or the T.sonic may occur.

Removing the T.sonic 850 in Windows® Me, 2000, XP and Vista

1. Select the Hardware icon on the system tray.
2. The Safely Remove Hardware pop-up window will appear. Select it to continue.
   
   ![Safely Remove Hardware](image)
   
   Figure 7: Safely Remove Hardware

3. A window will appear stating “The ‘USB Mass Storage Device’ device can now be safely removed from the system.”
   
   ![Safe To Remove Hardware](image)
   
   Figure 8: Safe to Remove Hardware

4. Unplug the T.sonic from your computer.

Removing the T.sonic 850 in Mac™ OS 10.0, or Later

1. Drag and drop the Disk icon that corresponds to your T.sonic 850 into the trashcan.
2. Unplug your T.sonic 850 from the USB port.

Removing the T.sonic 850 in Linux™ Kernel 2.4, or Later

1. Execute `umount /mnt /T.sonic` to un-mount the device.
2. Unplug your T.sonic™ 850 from the USB port.
Included Software

The bundled Software CD comes with some very useful software that can increase your productivity and enhance your entertainment experience. The three software applications that come with your T.sonic are:

- Transcend Multimedia Converter
- T.sonic™ Utility

Before using any of these programs, please read the following instructions carefully.

Software System Requirements

- Desktop or notebook computer with a working USB port
- One of the following Operating Systems:
  - Windows® 2000
  - Windows® XP
  - Windows® Vista

Installing the T.sonic Software

1. Put the Software CD into your computer’s CD-ROM drive (Auto-Run enabled).
2. The T.sonic 850 Main Menu window will appear.
3. Select “Multimedia Converter” and follow the instructions that follow to install the MTV Video Converter and the Slideshow Maker, or click the “T.sonic Utility” button to install extra functions for your T.sonic.
4. Choose your setup language and click the “OK” button to continue.
5. The “InstallShield Wizard” window will appear. Click the “Next” button to continue. The InstallShield Wizard will guide you through the installation process.

6. When the T.sonic Utility is finished installing, click the “Finish” button to exit the wizard.

7. The T.sonic Utility, the MTV Video Converter, and the Slideshow Maker can all be found in:

   > Programs > Transcend > T.sonic 850 >
Transcend MTV Video Converter

If you want to play videos on your T.sonic 850, you must first convert your video files to the "".mtv"" file format using the Transcend MTV Video Converter.

1. Run the program (Start > Programs > Transcend > T.sonic 850 > MTV Video Converter)

2. Click the triangle button next to "Video Input"

3. The Open Video Input File window will appear. Select the "MPEG4," "DivX," "AVI," or "xVID" video file that you want to convert to the "".mtv"" format. Click the "Open" button to continue.

4. Click the triangle button next to "Video Output" button to select a destination for the converted file.
5. Click "Start Conversion."

6. When the process is finished, a "Conversion Complete" message window will appear. Click the "OK" button to return to the MTV Video Converter main window and convert another file.
7. Click the “X” in the upper-right hand corner of the MTV Video Converter window to exit.
8. Transfer the newly created .MTV file to the T.sonic (See Transfering Files to the T.sonic)

The T.sonic 850 only supports “.MTV” video files. You must use the Transcend MTV Video Converter to convert your MPEG4, DivX, AVI, or xVID video files to the “.mtv” format.
Slide Show Maker

To view slideshows on your T.sonic 850, you must first create an “.SLS” slideshow using the Slideshow Maker.

1. Run the program (Start > Programs > Transcend > T.sonic 850 > SlideShow Maker)
2. Click the “Load Image” button.

![Figure 17: Slideshow Maker main screen](image)

3. Select the “.JPG,” “.BMP,” or “.GIF” image files that you want to include in your slideshow and click “Open.”

![Figure 18: Select image files for conversion](image)

4. Choose a slideshow transition effect from the drop-down menu underneath the Preview window. Available effects are “Circle,” “Normal,” “Shutter(Left to Right), and “Shutter(Right to Left)”
5. Click the “Preview” button to see a preview slideshow of your selected images.
6. Use the “Up” and “Down” buttons to change the display order of your images.
7. After you have loaded all images that you want to include in the slideshow, click the “Transform” button.
8. The Save As window will appear. Choose a name for your slideshow and click “Save.” The slideshow will be saved in the T.sonic’s “SLS” folder. If your T.sonic is not connected, you can choose a different save location and transfer the file to your T.sonic at a later time.

   - The T.sonic only supports one SLS slideshow at a time. To ensure the T.photo finds your slideshow, remove all other .SLS files from the T.sonic’s SLS folder except for your newly created .SLS file.

9. After the slideshow is successfully created, a Transfer Complete message will appear. Click the “OK” button.

10. Click the “X” in the upper-right hand corner of the Slide Show Maker window to exit.

11. Transfer the newly created .SLS file to the T.sonic (See Transferring Files to the T.sonic)
The T.sonic 850 will only display "sls" file format slideshows. You must use first the Slideshow Maker software to convert your "JPG," "BMP," or "GIF" photo files to the "SLS" format.
**T.sonic Utility Software**

The T.sonic Utility has four functions:

- **PC-Lock** (Use the T.sonic 850 to temporarily lock your computer)
- **Partition** (Divide your T.sonic’s memory into Public and Private areas)
- **Login/out** (Log in to the Private area to access your personal files)
- **Password** (Change the password to the Private area on your T.sonic)

![T.sonic Utility Menu](image)

- The T.sonic Utility is only supported in Windows® Me, 2000, XP and Vista
- The T.sonic Utility is not supported on Mac™, or Linux™ Operating Systems
- To use the T.sonic Utility, you must log in to the Windows® OS with Administrator rights.

**PC-Lock**

With PC-Lock, you can use your T.sonic as a key to temporarily lock your computer while you are away.

1. Start the T.sonic Utility (Programs -> T.sonic Utility)
2. Click on the “PC-Lock” button in the T.sonic Utility window.
3. The PC-Lock Settings window will appear. Select the “Enable PC-Lock” checkbox.

![Enable PC-Lock](image)
4. You can change the text displayed on the screen while the computer is locked in the “Screen Saver Message” field.

![Figure 95: PC-Lock Screen Saver Text](image)

5. You can adjust the period of time that your computer will be locked for by checking the “Enable Timer” box. Set the Unlock Timer in **Hours** and **Minutes**. When this time elapses, your computer will automatically unlock and be available for use.

![Figure 26: PC-Lock Timer](image)
6. Click on the “OK” button to start PC-Lock.

![PC-Lock screenshot]

- When PC-Lock is enabled, your computer will be locked when the T.sonic is unplugged.
- While your computer is locked, the screen will display the “Screen Saver Message” text.

To unlock the computer, you must reconnect your T.sonic to your computer. The PC-Lock message text will disappear and you will be free to use your computer again. The computer will also unlock itself automatically when the lock timer expires.

## Partition

This feature allows you to create a secure password-protected area on the T.sonic for your personal files. You can adjust the size of Public and Private areas, and add a password to protect the Private area. Data stored in the Private area will be kept secure and can only be accessed with your password.

![Partition window]

**WARNING! Creating a Private area or adjusting the Public/Private partition size will erase all data on T.sonic!** Please back up your data before using this feature.

1. Connect the T.sonic to your computer.
2. Start the T.sonic Utility (start -> Programs -> T.sonic Utility)
3. Click on the “Partition” button in the T.sonic Utility window (or the T.sonic Utility icon in the Task Bar)

![T.sonic Utility Partition]

4. The Partition window will appear. Move the slider left and right to adjust the size of the Public and Private areas on your T.sonic.
5. To protect the Private area, choose a password and a “Hint” (in case you forget your password).

6. Click the “Start” button to complete the Partition & Security setup. The process may take a few minutes.

7. You must unplug your T.sonic when the process is finished.

Log In / Log Out

This function lets you access the files stored on the Private partition of your T.sonic. If you do not log in, your protected files will be invisible.

1. Connect the T.sonic to your computer.

2. Start the T.sonic Utility (\start\ -> Programs -> T.sonic Utility)

3. Click on the “Login/Logout” button in the T.sonic Utility window.

4. The Login/Out window will appear. Input your password and click “Login.”
5. When successfully logged in, the “Public Area” message will change to “Private Area.” The files in your Private Area will no longer be hidden and can be accessed normally.

6. When you are finished using the Private Area and no data is being transferred between the T.sonic and the computer, click on the “Logout” button to switch back to the Public Area.

**Password**

1. Start the T.sonic Utility (start -> Programs -> T.sonic Utility)

2. Click on the “Password” button in the T.sonic Utility window.
3. The New Password window will appear. Input your current Password and New Password, then confirm the new password. Use the “New Hint” field to give yourself a hint in case you forget your new password.

![Figure 35: Change Password]

- **Forgotten Passwords**

  If you forget your password, use the password hint to help you remember your password. If you are still unable to remember your password, you will have to use the **Partition** function to reset the Public and Private areas. **THIS WILL ERASE ALL DATA ON THE T.SONIC.** Although the data in the Private area will be lost, you can back up all data on the Public area before using the Partition function.
Troubleshooting

If a problem occurs with your T.sonic 850, please first check the information listed below before taking your T.sonic 850 for repair. If you are unable to remedy a problem from the following hints, please consult your dealer, service center, or local Transcend branch office. We also have FAQ and Support services on our websites.

Software CD does not auto-run in Windows®

Go to the Device Manager in the Control Panel and enable the Auto-Insert function for the CD-ROM drive. Alternatively, you can manually run the “T.sonic.EXE” file on the software CD.

Operating system cannot detect the T.sonic 850

Check the following:

- Is your T.sonic 850 properly connected to the USB port? If not, unplug it and plug it in again.
- Is your T.sonic 850 connected to the Mac keyboard? If yes, unplug it and plug it into an available USB port on your Mac Desktop.
- Is the USB port enabled? If not, refer to your computer (or motherboard) user’s manual to enable it.

The T.sonic will not Power ON

Check the following:

- Is the T.sonic 850 connected to your computer? If yes, unplug it.
- Is the LOCK switch set to “LOCK”? If yes, set it to the “OFF” position.
- Is the battery out of power? If yes, please recharge the battery.

Cannot transfer MP3, WMA, WMA-DRM10, or WAV files to the T.sonic 850

As required, uninstall and re-install the driver. If this doesn’t work, try Resetting the unit.

Buttons aren’t working

Is the LOCK switch set to “LOCK”? If yes, set it to the “OFF” position.

Cannot hear track playback

- Have you downloaded any music files onto the T.sonic? If no, then you must first do so from your computer or the Internet. (Only Mpeg I Layer 3 and WMA files compressed at a rate of 32Kbps–320Kbps are supported.)
- Are the earphones properly connected to the earphone jack? If not, reconnect them.
- Is the volume loud enough? If not, increase the volume level until the music can be heard.

Track name does NOT display correctly on the screen

- The default language of the T.sonic is English. Please set the language option first.
- ID3 tag information has display priority on the screen of the T.sonic. You could modify the ID3 tag by using Windows Media Player or Winamp.
- If the ID3 tag is empty, just the file name will be displayed on the screen.

Cannot enter the RECORD Mode

To make sure the recorded file will not be lost, two safety mechanisms are provided.

- If the remaining battery capacity is less than 10%, you cannot enter the RECORD Mode.
• During recording, if the remaining battery capacity goes below 10% the T.sonic will automatically save the recording.

**Track playback sounds intermittent**
Plug the earphones into the earphones jack again to make sure they are properly connected.

**T.sonic Powers OFF automatically**
T.sonic features a SLEEP Mode, which acts as a Power Saving feature. You can preset your T.sonic to Power OFF automatically after 15, 30, or 60 minutes. Please refer to the “Sleep” section in SETTINGS.

**T.sonic just isn't working properly**
If your T.sonic ever stops working properly, or locks up, try Powering it ON and OFF a few times, if this does not correct the problem you can **Reset** the unit by pressing the “**Reset**” button for 3 to 5 seconds.

**Cannot find the file that was just copied to the T.sonic**
Re-copy the file and refer to the “**Disconnecting from a Computer**” section to remove the T.sonic after the copy process is completed.

**A File that was just deleted still appears**
Re-delete the file and refer to the “**Disconnecting from a Computer**” section to remove the T.sonic after the delete process is completed.

**T.sonic cannot operate after formatting in Windows®**
Formatting the T.sonic using the “Quick Format,” or “Full Format” option in Windows® erases the default format of the T.sonic. To retrieve the default format, you must link to [http://www.transcendusa.com/](http://www.transcendusa.com/) and download a Firmware Update for your T.sonic.

**How do I find out what Windows Media Player version I am using?**
- Open your Windows Media Player program.
- Click on the “**Help**” menu and select the “**About Windows Media Player**” option.
- The version of your Windows Media Player will be displayed on the computer screen.

**Cannot listen to DRM music on my T.sonic 850**
- The T.sonic 850 only supports WMA-DRM10 music files, is this the file type you are using?
- You must use Windows Media Player 10 to transfer and synchronize your WMA-DRM10 music files with the T.sonic 850's MTP Folder.

**Cannot play a Video file on my T.sonic 850**
The T.sonic 850 only supports “.MTV” Video files, please see the “**Transcend Multimedia Converter**” section on how to convert your videos to the MTV format.

**Having problems converting Video files with the Transcend Multimedia Converter**
First, download DirectX 9.0 (or later) onto your computer. Next, open the Video file on you computer that you had a problem converting and try playing it, if the Video does not play, then this means that the Video Codec you are trying to convert has a compatibility issue with your PC and cannot be converted using the Transcend Multimedia Converter.
- **Cannot view Photo files on my T.sonic 850**
  The T.sonic 850 only supports “.JPG,” “.BMP” Photo files, please ensure that the photo is one of these files types.

- **Cannot read E-book files on my T.sonic 850**
  The T.sonic 850 only supports “.TXT” E-book files, please ensure that the E-book is this file type.

- **Lyrics Sync: Why can’t I see the words of the song I am listening to?**
  For detailed Lyrics Sync instructions, please link to the FAQ section on our website [http://www.transcendusa.com/Support/FAQ/](http://www.transcendusa.com/Support/FAQ/).
### Specifications

1. **Size (L x W x H):** 81.5 mm × 41.5 mm × 12.7 mm
2. **Weight:** 48g (with Li-ion battery)
3. **Music Formats:** MP3, WMA, and WMA-DRM10 (Subscription music)
4. **Video Formats:** MTV
5. **Photo Formats:** JPG, BMP
6. **Recording Format:** ADPCM (WAV)
7. **Estimated Battery Life:** 22 hours Music playback (fully charged battery)
8. **Compression Rates:** 32Kbps to 320Kbps
9. **Data Retention:** Up to 10 years
10. **Erase Cycles:** ≥ 100,000 times
11. **Signal-to-Noise Ratio:** ≥ 90dB
12. **Certificates:** CE, FCC, BSMI
13. **Warranty:** 2-years

### Ordering Information

<table>
<thead>
<tr>
<th>Device Description</th>
<th>Memory Size</th>
<th>Transcend P/N</th>
</tr>
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<td>T.sonic™ 850 MP3 Music Player</td>
<td>4GB</td>
<td>TS4GMP850</td>
</tr>
<tr>
<td>T.sonic™ 850 MP3 Music Player</td>
<td>8GB</td>
<td>TS8GMP850</td>
</tr>
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</table>
Transcend Limited Warranty

“Above and Beyond” is the standard we set ourselves for customer service at Transcend. We consistently position ourselves to be significantly above the industry norm, which is all part of our commitment to Customer Satisfaction.

All Transcend information, Inc. (Transcend) products are warranted and tested to be free from defects in material and workmanship and to conform to the published specifications. During the warranty period should your Transcend T.sonic™ 850 fail under normal use in the recommended environment due to improper workmanship or materials, Transcend will repair the product or replace it with a comparable one. This warranty is subject to the conditions and limitations set forth herein.

Duration of Warranty: The Transcend T.sonic™ 850 is covered by this warranty for a period of two (2) years from the date of purchase. Proof of purchase including the date of purchase is required to collect on the warranty. Transcend will inspect the product and decide whether to repair or replace it. Transcend reserves the right to provide a functional equivalent product, or a refurbished replacement product.

Limitations: This warranty does not apply to product failure caused by accidents, abuse, mishandling, improper installation, alteration, acts of nature, improper usage, or problems with electrical power. In addition, opening or tampering with the product casing, or any physical damage, abuse or alteration to the product’s surface, including all warranty or quality stickers, product serial or electronic numbers will also void the product warranty. Transcend is not responsible for recovering any data lost due to the failure of a flash memory device. Transcend’s T.sonic™ 850 must be used with devices that conform to the recommended industry standards. Transcend will not be liable for damages resulting from a third party device that causes the Transcend T.sonic™ 850 to fail. Transcend shall in no event be liable for any consequential, indirect, or incidental damages, lost profits, lost business investments, lost goodwill, or interference with business relationships as a result of lost data. Transcend is also not responsible for damage or failure of any third party equipment, even if Transcend has been advised of the possibility. This limitation does not apply to the extent that it is illegal or unenforceable under applicable law.

Disclaimer: The foregoing limited warranty is exclusive. There are no other warranties, including any implied warranty of merchantability or fitness for a particular purpose. This warranty is not affected in any part by Transcend providing technical support or advice. Please read Transcend’s Warranty Policy in full to understand your rights.


Online Registration: To expedite the warranty service, please register your Transcend Product within 30 days of purchase.

Register online at http://www.transcendusa.com/registration

*All specifications are subject to change without notice.

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www.transcendusa.com

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